

IN THE CLAIMS:

1. - 9. (Canceled)

10. (Currently Amended) A method of measuring luminance of an image display apparatus having a plurality of pixels, comprising:

a first step of causing a plurality of the pixels that are not adjacent each other in a plurality of the pixels arranged in a first direction to emit light in a first period, and causing a plurality of the pixels that are adjacent to the plurality of the pixels emitting light in the first period in the first direction not to emit light in the first period;

a first detecting step of detecting each of emission statuses of the plurality of the pixels emitting light in said first step by imaging light from the plurality of the pixels emitting in the first period on respective different positions of a sensor device in a plane of which optical sensors are arranged;

a second step of causing a plurality of the pixels that do not emit light in said first step in the plurality of the pixels arranged in the first direction to emit light; and

a second detecting step of detecting each of emission statuses of the plurality of the pixels emitting light in said second step.

11. (Previously Presented) A method according to claim 10, wherein said second step includes causing a plurality of the pixels that are not adjacent to each other in a plurality of the pixels not emitting light in said first step, to emit light.

12. (Previously Presented) A method according to claim 10, wherein said first detecting step and said second detecting step are executed using at least one measuring apparatus for imaging emission statuses of a plurality of the pixels, to detect a two dimensional image.

13. (Previously Presented) A method according to claim 12, wherein said first step, said first detecting step, said second step and said second detecting step are executed by matching a part of a display area of said image display apparatus and a measurement area of said at least one measuring apparatus, and then said first step, said first detecting step, said second step and said second detecting step are executed by matching another part of the display area of said image display apparatus and the measurement area of said at least one measuring apparatus.

14. (Previously Presented) A method according to claim 12, wherein the at least one measuring apparatus includes a plurality of measuring apparatuses disposed on the image display apparatus, and luminances of the pixels are simultaneously measured by the measuring apparatuses.

15. (Currently Amended) A method of manufacturing an image display apparatus having a plurality of pixels, comprising:

a first step of causing a plurality of the pixels that are not adjacent each other in a plurality of the pixels arranged in a first direction to emit light in a first period, and causing a plurality of the pixels that are adjacent to the plurality of the pixels emitting light in the

first period in the first direction not to emit light in the first period;

a first detecting step of detecting each of emission statuses of the plurality of the pixels emitting light in said first step by imaging light from the plurality of the pixels emitting in the first period on respective different positions of a sensor device in a plane of which optical sensors are arranged;

a second step of causing a plurality of the pixels that do not emit light in said first step in the plurality of the pixels arranged in the first direction to emit light;

a second detecting step of detecting each of emission statuses of the plurality of the pixels emitting light in said second step; and

an adjustment step of adjusting characteristics of the pixels based on a result obtained in said first detecting step and said second detecting step.

16. (Canceled)

17. (Currently Amended) A method of manufacturing an image display apparatus having a plurality of electron-emitting devices and fluorescent member emitting light by being irradiated by electrons emitted from the electron-emitting devices, comprising:

a first step of causing a plurality of the electron-emitting devices corresponding to a plurality of the fluorescent members that are not adjacent each other in a plurality of the fluorescent members arranged in a first direction to emit electrons in a first period, and causing a plurality of the electron-emitting devices corresponding to a plurality of the

fluorescent members that are adjacent to the plurality of the fluorescent members corresponding to the plurality of the electron-emitting devices emitting electrons in the first direction not to emit electrons in the first period;

a first detecting step of detecting each of emission statuses of the plurality of the fluorescent members corresponding to the plurality of the electron-emitting devices emitting electrons in said first step by imaging lights from the plurality of the fluorescent members in the first period on respective different positions of a sensor device in a plane of which optical sensors are arranged;

a second step of causing a plurality of the electron-emitting devices corresponding to a plurality of the fluorescent members different from the plurality of the fluorescent members from which emission statuses were detected in the first step, [[in]] among the plurality of the fluorescent members arranged in the first direction, ~~corresponding to the plurality of the electron-emitting devices emitting electrons in said first step~~ to emit electrons;

a second detecting step of detecting each of emission statuses of the plurality of the fluorescent members corresponding to the plurality of the electron-emitting devices emitting electrons in said second step; and

an adjustment step of adjusting characteristics of the electron-emitting devices based on a result obtained in said first detecting step and said second detecting step.